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BOX PCT  
PATENT  
1752-0143P

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Atsushi YATAGAI, Hiroshi MASUJIMA, Takuma YABE,  
Tomomichi GUNJI and Toru OISHI

Int'l. Appl. No.: PCT/JP99/05226

Conf.: Unassigned

Appl. No.: 09/787,793

Group: Unassigned

Filed: March 23, 2001

Examiner: Unassigned

For: DENITRIFYING COMPOSITION FOR REMOVING NITRATE  
NITROGEN AND PROCESS FOR PRODUCING THE SAME

**LETTER SUBMITTING ADDITIONAL DOCUMENTS FOR  
ENTERING NATIONAL PHASE FOR A PCT APPLICATION**

BOX PCT  
Assistant Commissioner for Patents  
Washington, DC 20231

June 12, 2001

Sir:

Under the provisions of 37 C.F.R. § 1.494 or 37 C.F.R. § 1.495, attached hereto are the following additional items necessary for entering the national phase in connection with the above-identified PCT international application.

☒ Executed Declaration and Power of Attorney.

☒ **Original**

☐ Photocopy

☐ The specification attached to the executed Declaration and Power of Attorney is a true copy of the specification which was filed in the U.S. Patent and Trademark Office on, including any amendments thereto (if applicable) filed on even date therewith.

Appl. No. 09/787,793

☒ The undersigned hereby declares that "Attorney Docket N . 1752-0143P" on page 1 of the attached inventors' Declaration corresponds to **Appl. No. 09/787,793** filed **March 23, 2001** entitled **"DENITRIFYING COMPOSITION FOR REMOVING NITRATE NITROGEN AND PROCESS FOR PRODUCING THE SAME."**

☐ English language specification, claims, and Abstract with ( ) sheets of drawings.

☐ Applicant claims small entity status under 37 C.F.R. § 1.27.

☒ **Attached is a copy of Form PCT/DO/EO/905.**

☐ \_\_\_\_\_  
\_\_\_\_\_

☐ No extension fee is required because the undersigned has not yet received the Notification of Missing Requirements (Form PCT/DO/EO/905). However, if for some reason it is determined that an extension of time is necessary, applicant hereby respectfully petitions for an extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17.

☐ Applicant(s) hereby respectfully petitions for ( ) month(s) extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17. The required fee of \$0.00 is attached hereto.

Appl. No. 09/787,793

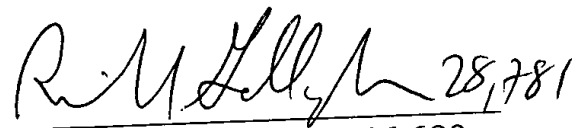
The Government Filing Surcharge in the amount of **\$130.00** in accordance with 37 C.F.R. §§ 1.494 and 1.492 was previously paid for concurrently with the filing of the application on March 23, 2001.

- ☒ Submitted concurrently herewith **under separate cover** for recording is an Assignment.
- ☐ A check in the amount of \$0.00 to cover the above-mentioned fees is enclosed.
- ☐ A Fee of \$0.00 to cover the increase in fees of the filing Surcharge is enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By  28,781  
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GMM/RG  
1752-0143P

Attachments

(Rev. 01/22/01)

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/787793	YATAGAI	A 1752-0143P
		INTERNATIONAL APPLICATION NO.
		PCT/JP99/05226
		I.A. FILING DATE
		PRIORITY DATE
		24 SEP 99
		25 SEP 98

BIRCH STEWART KOLASCH & BIRCH  
PO BOX 747  
FALLS CHURCH, VA 22040 0747

DATE MAILED: 13 APR 2001

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as ☐ a Designated Office (37 CFR 1.494) ☒ an Elected Office (37 CFR 1.495):

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> U.S. Basic National Fee.   | <input type="checkbox"/> Indication of Small Entity Status.                                    |
| <input checked="" type="checkbox"/> Copy of the international application.   | <input checked="" type="checkbox"/> Translation of the international application into English. |
| <input type="checkbox"/> Oath or Declaration of inventors(s).  | <input type="checkbox"/> Translation of Article 19 amendments into English.                    |
| <input type="checkbox"/> Copy of Article 19 amendments.  | <input type="checkbox"/> Other:  |
| <input checked="" type="checkbox"/> Priority Document.   |  |
| <input checked="" type="checkbox"/> The International Preliminary Examination Report in English and its Annexes, if any. |  |
| <input type="checkbox"/> Translation of Annexes to the International Preliminary Examination Report into English.        |  |

*mm*  
**Docketed**  
*Perfect*  
*8/13/01*

2. ☒ Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.

- ☐ U.S. Basic National Fee. ☐ Copy of the international application.

3. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
- ☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
- ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
- ☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date.
- ☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
- ☐ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

4. Additional claim fees of \$\_\_\_\_\_ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.

5. ☐ Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT/DO/EO/920.

**ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes **MUST** be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date.
7. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

***A copy of this notice MUST be returned with this response.***

- Enclosed: ☐ PCT/DO/EO/917 ☐ Notice of Defective Translation  
☐ PTO-875 ☐ PCT/DO/EO/920

FRED SMITH

FORM PCT/DO/EO/905 (March 2001)

Telephone: 703-305-3654